

CPC**COOPERATIVE PATENT CLASSIFICATION****B62B****HAND-PROPELLED VEHICLES, e.g. HAND CARTS,
PERAMBULATORS; SLEDGES****NOTE**

In this subclass, the term "hand carts" also embraces hand-propelled wheeled devices in so far as the features thereof are generic to hand carts. This term also embraces pedestrian-controlled power-driven vehicles in so far as the features thereof are generic to hand carts

Rollers are taken as being equivalent to wheels

WARNING

[B62B 3/065](#) covered by **B62B 3/06B4**

Hand carts**B62B 1/00**

Hand carts having only one axis carrying one or more transport wheels; Equipment therefor

B62B 1/002

. {convertible from a one-axled vehicle to a two-axled vehicle}

B62B 1/004

. { being longitudinally nestable with each other}

B62B 1/006

. { being vertically stackable with each other}

B62B 1/008

. { having a prop or stand for maintaining position}

B62B 1/02

. in which the wheel axis is disposed between the load and the handles

B62B 1/04

.. involving parts being adjustable, collapsible, attachable, detachable, or convertible

B62B 1/042

... {foldable}

B62B 1/045

.... {foldable in one action}

B62B 1/047

..... {by telescopic movement of the handle}

B62B 1/06

.. involving means for grappling or securing in place objects to be carried; Loading or unloading equipment

B62B 1/08

.. having auxiliary wheels used during loading or unloading

B62B 1/10

. in which the load is intended to be transferred totally to the wheels

B62B 1/12

.. involving parts being adjustable, collapsible, attachable, detachable, or convertible

B62B 1/125

... {by means of telescoping elements}

B62B 1/14

.. involving means for grappling or securing in place objects to be carried; Loading or unloading equipment

B62B 1/142

... {with object clamping means being movable substantially parallel to the ground}

- surface}
- B62B 1/145 . . . {Unloading equipment for pushing the load from the carrier platform}
- B62B 1/147 . . . {the load support being in the form of a scoop}
- B62B 1/16 . . involving tiltably-mounted containers

- B62B 1/18 . in which the load is disposed between the wheel axis and the handles, e.g. wheelbarrows
- B62B 1/183 . . {with spring-mounted wheels}
- B62B 1/186 . . { comprising an additional wheel, e.g. mounted on the struts}
- B62B 1/20 . . involving parts being collapsible, attachable, detachable or convertible
- B62B 1/202 . . . { Detachable buckets}
- B62B 1/204 . . . { Detachable elements on the buckets, e.g. for increasing volume}
- B62B 1/206 . . . {and capable of being completely disassembled}
- B62B 1/208 . . . {foldable}
- B62B 1/22 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 1/24 . . involving tiltably-mounted containers

- B62B 1/26 . characterised by supports specially adapted to objects of definite shape
- B62B 1/262 . . {the objects being of elongated shape, e.g. fishing rods, golf clubs}
- B62B 1/264 . . {the objects being of cylindrical shape, e.g. barrels, buckets, dustbins}
- B62B 1/266 . . {the objects being bags}
- B62B 1/268 . . {the objects being plates, doors, panels or the like}

- B62B 3/00** **Hand carts having more than one axis carrying transport wheels; Steering devices therefor; Equipment therefor** {(convertible from one-axled to two-axled vehicle [B62B 1/002](#))}

- B62B 3/001 . {Steering devices}

- B62B 3/002 . {characterised by a rectangular shape, involving sidewalls or racks}
- B62B 3/003 . . { Non-transparent side walls}
- B62B 3/004 . . { Details of doors or cover lids}
- B62B 3/005 . . { Details of storage means, e.g. drawers, bins or racks}

- B62B 3/006 . {for stacking objects like trays, bobbins, chains}

- B62B 3/007 . {Coaster wagons}

- B62B 3/008 . {having more than two axes}

- B62B 3/009 . {of the single-track type}

- B62B 3/02 . involving parts being adjustable, collapsible, attachable, detachable or convertible
- B62B 3/022 . . { folding down the body to the wheel carriage or by retracting projecting parts (collapsible containers B65D, e.g. [B65D 7/24](#), [B65D 9/12](#), [B65D 11/18](#))}

- B62B 3/025 .. {Foldable roll containers}
- B62B 3/027 .. {collapsible shopping trolleys}

- B62B 3/04 . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 3/06 .. for simply clearing the load from the ground ([masted lift trucks B66F](#))
- B62B 3/0606 ... {manually operated}
- B62B 3/0612 ... {power operated}
- B62B 3/0618 ... { using fluid lifting mechanisms}
- B62B 3/0625 ... { using rigid mechanical lifting mechanisms, e.g. levers, cams or gears}
- B62B 3/0631 { with a parallelogram linkage}
- B62B 3/0637 ... { using flexible mechanical lifting mechanisms, e.g. ropes or chains}
- B62B 3/0643 ... {the wheels remaining stationary while the supporting surface is lifted}

- B62B 3/08 . involving tiltably-mounted containers

- B62B 3/10 . characterised by supports specially adapted to objects of definite shape
- B62B 3/102 .. { the objects being of elongated shape, e.g. rods or golf clubs}
- B62B 3/104 .. {the object being of cylindrical shape, e.g. barrels, buckets, dustbins}
- B62B 3/106 .. {the objects being bags}
- B62B 3/108 .. {the objects being plates, doors, panels, or the like}

- B62B 3/12 . characterised by three-wheeled construction

- B62B 3/14 . characterised by provisions for nesting or stacking, e.g. shopping trolleys {(collapsible shopping trolleys [B62B 3/027](#))}
- B62B 3/1404 .. { Means for facilitating stowing or transporting of the trolleys; Antitheft arrangements ([B62B 5/0423 takes precedence](#))}
- B62B 3/1408 .. { Display devices mounted on it, e.g. advertisement displays}
- B62B 3/1412 ... { mounted on the frame}
- B62B 3/1416 ... { mounted on the handle}
- B62B 3/142 ... { mounted on the basket}
- B62B 3/1424 ... { Electronic display devices}
- B62B 3/1428 .. { Adaptations for calculators, memory aids or reading aids}
- B62B 3/1432 ... {mounted in the locking device}
- B62B 3/1436 .. {Covers, e.g. for protection in rain}
- B62B 3/144 .. { Adaptations for transporting children; Mounting of toys for the children}
- B62B 3/1444 ... { Transporting devices mounted on the shopping cart}
- B62B 3/1448 ... { Linings or cushions}
- B62B 3/1452 ... { Safety belts}
- B62B 3/1456 ... { Mounting of toys}
- B62B 3/146 .. {Lockers, hooks e.g. for personal belongings}
- B62B 3/1464 .. { Bags or containers specially adapted to the baskets}
- B62B 3/1468 .. { Additional trays}
- B62B 3/1472 .. { Supports for specific articles ([B62B 3/1468 takes precedence](#))}

- B62B 3/1476 .. {the main load support being a platform}
- B62B 3/148 .. { Adaptations facilitating the transport to the counter}
- B62B 3/1484 ... { by an auxiliary access to the inside of the basket}
- B62B 3/1488 .. { Indicating or preventing transport of goods under the basket}
- B62B 3/1492 .. {Wheel arrangements}
- B62B 3/1496 .. { Assembling of baskets to the wheeled support}
- B62B 3/16 .. vertically stackable
- B62B 3/165 ... { roll baskets}
- B62B 3/18 .. nestable by means of pivoted supports or support parts, e.g. baskets
{(B62B 3/1476 takes precedence)}
- B62B 3/182 ... {Swinging baskets}
- B62B 3/184 ... {Nestable roll containers}
- B62B 3/186 {V-shaped when nested}
- B62B 3/188 {Z-shaped when nested}

B62B 5/00 **Accessories or details specially adapted for hand carts** ({[B62B 3/1404](#)}, [B62B 9/00](#) take precedence; wheels, axles, or axle bearing for vehicles B60B; castors for vehicles, castors in general [B60B 33/00](#))

- B62B 5/0003 . {Adaptations for loading in or on a vehicle}
- B62B 5/0006 . {Bumpers; Safety devices}
- B62B 5/0009 .. { Stops for moving parts, e.g. rubber elements to eliminate stop noise}
- B62B 5/0013 . {Protection covers, e.g. against rain}
- B62B 5/0016 . { Adaptations for connection to perambulators}
- B62B 5/002 . {Adaptations for moving the carts by wheel chair users or other disabled persons}
- B62B 5/0023 . {Arrangements for carrying as a back-pack}
- B62B 5/0026 . {Propulsion aids}
- B62B 5/003 .. { Combustion engines}
- B62B 5/0033 .. { Electric motors}
- B62B 5/0036 ... { Arrangements of motors}
- B62B 5/004 { in wheels}
- B62B 5/0043 { One motor drives one wheel}
- B62B 5/0046 { One motor drives two wheels}
- B62B 5/005 { Detachably mounted motor units}
- B62B 5/0053 ... { Arrangements of batteries}
- B62B 5/0056 ... { Energy recuperation}
- B62B 5/0059 .. { facilitating hand propulsion when motor fails}
- B62B 5/0063 .. { guiding, e.g. by a rail}
- B62B 5/0066 .. { Transmission of movement}

- B62B 5/0069 .. { Control}
- B62B 5/0073 ... { Measuring a force}
- B62B 5/0076 ... { Remotely controlled}
- B62B 5/0079 .. { Towing by connecting to another vehicle}

- B62B 5/0083 . {Wheeled supports connected to the transported object}
- B62B 5/0086 .. { arranged independently on either side of the transported load}
- B62B 5/0089 .. { Lifting lever on wheels or rollers}
- B62B 5/0093 .. { Flat dollies without hand moving equipment}

- B62B 5/0096 . { Identification of the cart or merchandise, e.g. by barcodes or radio frequency identification (RFID)}

- B62B 5/02 . providing for travelling up or down a flight of stairs (chairs or multi-track cycles specially adapted for invalids [A61G 5/00](#))
- B62B 5/021 .. {specially adapted for escalators}
- B62B 5/023 .. {using an upwards pushing device}
- B62B 5/025 .. {with gliding elements, e.g. skids}
- B62B 5/026 .. {with spiders or adapted wheels}
- B62B 5/028 .. {with excentrically mounted wheels}

- B62B 5/04 . Braking mechanisms; Locking devices against movement
- B62B 5/0404 .. { automatic}
- B62B 5/0409 ... { when user rises from seat}
- B62B 5/0414 ... { dead man's brakes}
- B62B 5/0419 ... { braking when nested}
- B62B 5/0423 ... { braking or blocking when leaving a particular area}
- B62B 5/0428 ... { braking when supported on a transport belt}
- B62B 5/0433 .. { foot operated}
- B62B 5/0438 .. { hand operated}
- B62B 5/0442 ... { using a handle bar alone}
- B62B 5/0447 ... { using elements cooperating with a handle bar}
- B62B 5/0452 .. { by hydraulic means}
- B62B 5/0457 .. { by locking in a braking position}
- B62B 5/0461 ... { with positive engagement}
- B62B 5/0466 .. { by turning the wheels in different directions, e.g. toe-in}
- B62B 5/0476 .. { Rim brakes}
- B62B 5/048 .. { Hub brakes; drum brakes}
- B62B 5/0485 .. { by braking on the running surface, e.g. the tyre}
- B62B 5/049 .. {locking against movement by contacting the floor or a wall}
- B62B 5/0495 ... { by contacting a wall}

- B62B 5/06 . Hand moving equipment, e.g. handle bars (for cycles [B62K 11/14](#), [B62K 21/12](#))
- B62B 5/061 .. { both ends or periphery of cart fitted with handles}

- B62B 5/062 .. { elastically mounted, e.g. for wheelbarrows}
- B62B 5/063 .. { for low-lift hand trucks}
- B62B 5/064 .. { adaptable for different users, e.g. by means of pivoting elements}
- B62B 5/065 ... { by means of telescopic elements}
- B62B 5/066 .. { Handle bars rotatable about their longitudinal axis}
- B62B 5/067 .. { Stowable or retractable handle bars}
- B62B 5/068 .. { Connections to the body for moving the cart, e.g. harnesses}
- B62B 5/069 .. { Removable sleeves on handle bars, e.g. for protection against germs}

- B62B 5/08 . Children`s seats ([B62B 3/14](#) takes precedence); {Seats or supports for other persons}
- B62B 5/082 .. {Children`s seats}
- B62B 5/085 .. {Resting seats}
- B62B 5/087 .. { Platforms to stand upon}

Carriages for children; Perambulators (chairs or multi-track cycles specially adapted for invalids [A61G 5/00](#))

B62B 7/00

Carriages for children; Perambulators, e.g. dolls` perambulators

- B62B 7/002 . { having a single central pillar}
- B62B 7/004 . { Carriages supporting a hammock-style seat}
- B62B 7/006 . { Carriages supporting a rigid seat (when detachable or rotatable [B62B 7/145](#))}
- B62B 7/008 . { for two or more children}
- B62B 7/02 . having only a single wheel axis
- B62B 7/04 . having more than one wheel axis; Steering devices therefor
- B62B 7/042 .. { Steering devices}
- B62B 7/044 .. { three wheeled}
- B62B 7/046 ... { with interchangeable front wheel unit}
- B62B 7/048 .. { Single track type}
- B62B 7/06 .. collapsible or foldable
- B62B 7/062 ... { Coupling unit between front wheels, rear wheels and handle}
- B62B 7/064 ... { the handle bar being parallel to the front leg}
- B62B 7/066 { the handle bar moves in parallel relation during folding}
- B62B 7/068 ... { by sliding a bushing along a rod, e.g. like folding means of an umbrella}
- B62B 7/08 ... in the direction of, or at right angles to, the wheel axis
- B62B 7/083 {the wheel axes being moved from each other during folding}
- B62B 7/086 { becoming smaller in all three dimensions}
- B62B 7/10 ... by folding down the body to the wheel carriage or by retracting projecting parts into the box-shaped body
- B62B 7/105 { with the wheels staying in a fixed relation to each other}

- B62B 7/12 .. convertible, e.g. into children`s furniture or toy ([children`s chairs convertible to pushchairs A47D 1/06](#))
- B62B 7/123 ... { from seat to bed ([B62B 7/147](#), [B62B 9/104](#) take precedence)}
- B62B 7/126 ... { into a trailer, e.g. bicycle trailer}
- B62B 7/14 .. with detachable or rotatably-mounted body ([the body usable as a child's seat in a vehicle B60N 2/2848](#))]
- B62B 7/142 ... { Means for securing the body to the frame}
- B62B 7/145 ... { the body being a rigid seat, e.g. a shell}
- B62B 7/147 ... { rotatable as a whole to transform from seating to lying}

- B62B 9/00** **Accessories or details specially adapted for children`s carriages or perambulators**
([providing for travelling on snow B62B 19/00](#))

- B62B 9/005 . {[Safety means for traffic, e.g. lights, reflectors, mirrors etc. \(Signaling means for cycles B62J\)](#)}

- WARNING**
- Not complete, see also [B62B 9/00](#)

- B62B 9/02 . providing for travelling up or down a flight of stairs
- B62B 9/04 .. with runners, e.g. sledge runners
- B62B 9/06 .. with spiders or the like

- B62B 9/08 . Braking mechanisms; Locking devices against movement
- B62B 9/082 .. { foot operated}
- B62B 9/085 .. { hand operated}
- B62B 9/087 .. { by locking in a braking position}

- B62B 9/10 . Perambulator bodies; Equipment therefor ([collapsible or foldable B62B 7/06](#); [convertible B62B 7/12](#))
- B62B 9/102 .. { characterized by details of the seat}
- B62B 9/104 ... { with adjustable or reclining backrests}
- B62B 9/106 ... { with head guards}
- B62B 9/108 ... { Linings or cushions}
- B62B 9/12 .. involving parts that are adjustable, attachable or detachable ([B62B 9/102](#), [B62B 9/14](#) take precedence)}
- B62B 9/14 .. { Equipment protecting from environmental influences, e.g.} Hoods; Weather screens; Cat nets
- B62B 9/142 ... { by flexible canopies, covers or nets}
- B62B 9/145 { of the roll-up type}
- B62B 9/147 ... { Attachments or holders for umbrellas, parasols or sunshade panels ([details of umbrellas A45B 25/00](#))}

- B62B 9/16 . Mud-guards or protecting devices for wheels

- B62B 9/18 . Resilient suspensions of bodies

- B62B 9/185 .. { by springs between seat and frame}
- B62B 9/20 . Handle bars; Handles
- B62B 9/203 .. { movable from front end to rear end position}
- B62B 9/206 .. { with two separate bars, i.e. not interconnected}
- B62B 9/22 . Devices for rocking or oscillating
- B62B 9/24 . Safety guards for children, e.g. harness (cat nets [B62B 9/14](#); devices for use in guiding or supporting children, e.g. safety harness [A47D 13/08](#))
- B62B 9/245 .. { Removable front guards, e.g. with a tray}
- B62B 9/26 . Securing devices for bags or toys; { Arrangements of racks, bins, trays or other devices for transporting articles}
- B62B 9/28 . Auxiliary dismountable seats; { Additional platforms for children in standing-up position}
- B62B 11/00** **Hand-propelled vehicles not otherwise provided for** (rider propulsion of vehicles [B62M 1/00](#))
- Sledges** (characterised by animal propulsion [B62C](#); propulsion of sledges by driver or engine [B62M](#))
- B62B 13/00** **Sledges with runners** (ice boats or sailing sledges [B62B 15/00](#))
- B62B 13/005 . [N. comprising articulated sledge segments]
- B62B 13/02 . characterised by arrangement of runners
- B62B 13/04 .. arranged in a single line
- B62B 13/043 ... {having one single runner (Monoski [A63C 5/03](#))}
- WARNING**
- Not complete, see [B62B 13/04](#)
- B62B 13/046 ... { with steering devices}
- B62B 13/06 .. arranged in two or more parallel lines
- B62B 13/08 ... with steering devices
- B62B 13/10 with swivelling portions of the runners; with a swivelling middle runner
- B62B 13/12 with tilting or bending runners
- B62B 13/125 {the runners being bent in the shape of the curve to follow}
- B62B 13/14 combined with braking devices
- B62B 13/16 . Collapsible or foldable sledges
- B62B 13/18 . Vehicles having alternatively-usable runners and wheels { or other transport means}

B62B 15/00 **Other sledges; Ice boats or sailing sledges**

- B62B 15/001 . {propelled by sails}
- B62B 15/002 .. [N. having skis or runners]
- B62B 15/003 .. { having floats}
- B62B 15/004 .. [N. having wheels]
- B62B 15/005 ... { the arrangement is similar to a bicycle}
- B62B 15/006 . { Inflatable sledges}
- B62B 15/007 . { Towed sledges}
- B62B 15/008 . {Wheeled sledges ([B62B 13/18](#) and [B62B 15/001](#) take precedence)}
- B62B 15/009 .. { Wheels attachable to the runners}

B62B 17/00 **Accessories or details of sledges** {(propulsion devices for sledges [B62M 27/00](#), [B62M 29/00](#))}

- B62B 17/005 . { Safety devices}
- B62B 17/02 . Runners ([attachable to or replacing vehicle wheels B62B 19/00](#))
- B62B 17/04 .. resiliently suspended
- B62B 17/06 . Superstructures; Attachments therefor
- B62B 17/061 .. { Handles}
- B62B 17/062 .. { Resilient suspensions of bodies ([B62B 17/04](#) takes precedence)}
- B62B 17/063 .. { Seats or other supports specially adapted for the user}
- B62B 17/065 ... { the user being standing up}
- B62B 17/066 ... { the user being hanging in a harness}
- B62B 17/067 ... { the user being sitting on his knees}
- B62B 17/068 ... { the user being laying on his belly}
- B62B 17/08 . Braking devices

B62B 19/00 **Runners for carrying wheeled vehicles to facilitate travel on ice or snow**

- B62B 19/02 . attachable to wheels
- B62B 19/04 . replacing wheels

B62B 2005/00 **Accessories or details specially adapted for hand carts** ({[B62B 3/1404](#)}, [B62B 9/00](#) take precedence; wheels, axles, or axle bearing for vehicles [B60B](#); castors for vehicles, castors in general [B60B 33/00](#))

- B62B 2005/04 . Braking mechanisms; Locking devices against movement
- B62B 2005/0471 .. Disk brakes

B62B 2202/00 Indexing codes relating to type or characteristics of transported articles

- B62B 2202/02 . Cylindrically-shaped articles, e.g. drums, barrels, flasks
- B62B 2202/021 .. Bottles
- B62B 2202/022 .. Gas bottles
- B62B 2202/023 .. Beverage holders, e.g. for a cup, tin or bottle
- B62B 2202/025 .. Reels, e.g. for filamentary or sheet material
- B62B 2202/026 .. Milkchurns
- B62B 2202/028 .. Buckets
- B62B 2202/03 .. Bales of hay or grass
- B62B 2202/031 .. Wheels, tires

- B62B 2202/10 . Heavy objects, e.g. ISO-containers

- B62B 2202/12 . Boxes, Crates

- B62B 2202/20 . Dustbins, refuse containers

- B62B 2202/22 . Flexible bags, e.g. for rubbish

- B62B 2202/24 . Suit-cases, other luggage

- B62B 2202/26 . Handbags, e.g. shopping bags

- B62B 2202/30 . Furniture
- B62B 2202/32 .. Chairs
- B62B 2202/34 .. Music instruments, e.g. pianos
- B62B 2202/35 .. Music stands

- B62B 2202/40 . Sport articles
- B62B 2202/401 .. Skis
- B62B 2202/402 .. for fishing
- B62B 2202/403 .. Boats or other water vehicles
- B62B 2202/404 .. Golf articles, e.g. golfbags
- B62B 2202/406 ... Golf clubs
- B62B 2202/407 ... Holders for balls, tees
- B62B 2202/408 .. Outboard motors

- B62B 2202/41 . Projectiles, bombs, amunition

- B62B 2202/42 . Persons or animals, dead or alive

- B62B 2202/48 . Tools
- B62B 2202/50 . Cleaning or gardening articles
- B62B 2202/52 . Beach or picnic trolleys
- B62B 2202/56 . Computers; Screens
- B62B 2202/60 . Motors
- B62B 2202/61 . Batteries
- B62B 2202/62 . Tiles, bricks, paving slabs or the like
- B62B 2202/64 . Documents, files or paper sheets
- B62B 2202/65 . Clothes
- B62B 2202/66 . Laundry
- B62B 2202/67 . Service trolleys, e.g. in aircraft
- B62B 2202/68 . Coffins
- B62B 2202/70 . Flowers; Pots; Plants
- B62B 2202/80 . Household appliances, e.g. bath tubs, toilets or radiators
- B62B 2202/90 . Vehicles
- B62B 2202/92 . . Forklift trucks

Sledges (characterised by animal propulsion [B62C](#); propulsion of sledges by driver or engine [B62M](#))

B62B 2203/00 Grasping, holding, supporting the objects

- B62B 2203/02 . suspended
- B62B 2203/04 . . pivotally, e.g. for keeping it horizontally
- B62B 2203/05 . Rocking means for facilitating tilting of the cart, e.g. by loading
- B62B 2203/07 . Comprising a moving platform or the like, e.g. for unloading
- B62B 2203/071 . . turning around a vertical pivot axis
- B62B 2203/073 . . sliding in a horizontal plane
- B62B 2203/10 . comprising lifting means
- B62B 2203/11 . . comprising a crane
- B62B 2203/13 . . comprising a self levelling surface

- B62B 2203/20 . using forks or tines
- B62B 2203/21 . . the objects being supported between the tines
- B62B 2203/22 . . the fork comprising more than two tines
- B62B 2203/24 . . Changing the position of the fork or supports
- B62B 2203/26 . . the fork being independent from the supporting arms in which the wheels are incorporated
- B62B 2203/28 . . Guiding the forks into the pallets
- B62B 2203/29 . . Stops on the tines to arrest the pallets or other objects

- B62B 2203/30 . using magnets or suction cups

- B62B 2203/40 . Supporting bins or barrels by their handgrips or other protrusions

- B62B 2203/42 . Grips for grasping the upper rim of the barrels

- B62B 2203/44 . Clamping or supporting circumferentially

- B62B 2203/50 . comprising weighing means

- B62B 2203/60 . Positioning, means on a cart for loads

- B62B 2203/70 . Comprising means for facilitating loading or unloading
- B62B 2203/72 . . means for pushing or pulling the load from/onto the platform
- B62B 2203/74 . . rolling means, e.g. rollers

- B62B 2204/00 **Ventilation; Heating; Cooling; Insulation****

- B62B 2204/02 . comprising a heating unit

- B62B 2204/04 . comprising a cooling unit

- B62B 2204/06 . comprising insulating materials

- B62B 2205/00 **Hand-propelled vehicles or sledges being foldable or dismountable when not in use****

- B62B 2205/003 . with actuation mechanisms which drive the folding or unfolding operation

- B62B 2205/006 . dismountable

- B62B 2205/02 . foldable widthwise

- B62B 2205/04 . box-shaped in folded position

- B62B 2205/06 . Foldable with a scissor-like mechanism

- B62B 2205/10 . Detachable wheels

- B62B 2205/102 . . . stowed on top of each other
- B62B 2205/104 . . . Detachable wheel units, e.g. together with the wheel shaft

- B62B 2205/12 . Collapsible wheels
- B62B 2205/121 . . . stowed on top of each other
- B62B 2205/123 . . . comprising a foldable interconnecting shaft

- B62B 2205/14 . Retractable wheels
- B62B 2205/145 . . . retractable in the direction of the shaft, e.g. with telescopic shafts

- B62B 2205/18 . Geared articulations

- B62B 2205/20 . Catches; Locking or releasing an articulation
- B62B 2205/22 . . . remotely controlled, e.g. from the handlebar
- B62B 2205/23 . . . foot operated
- B62B 2205/24 . . . to hold in the folded position

- B62B 2205/26 . Arrangements for standing up in folded position

- B62B 2205/30 . Detachable, retractable or collapsible load supporting means
- B62B 2205/32 . . . Shelves
- B62B 2205/33 stowed in a vertical position

- B62B 2206/00 Adjustable or convertible hand-propelled vehicles or sledges**

- B62B 2206/003 . . with actuation mechanisms which drive the adjustment or conversion operation

- B62B 2206/006 . . Convertible hand-propelled vehicles or sledges

- B62B 2206/02 . . adjustable in length or width
- B62B 2206/04 . . . only the load support being adjustable N03

- B62B 2206/06 . . adjustable in height

- B62B 2207/00 Joining hand-propelled vehicles or sledges together**

- B62B 2207/02 . . rigidly

- B62B 2207/04 . . Forklift trucks with wheeled pallets

- B62B 2301/00 Wheel arrangements; Steering; Stability; Wheel suspension**

- B62B 2301/02 . . comprising wheels for longitudinal travelling and wheels for lateral travelling

- B62B 2301/04 . . comprising a wheel pivotable about a substantially vertical axis, e.g. swivelling castors
- B62B 2301/044 . . . arranged remote from the longitudinal centreline of the hand propelled vehicle

- B62B 2301/046 .. with means restricting the rotation about that axis
- B62B 2301/0463 ... by blocking the rotation at a position
- B62B 2301/04632 at two or more positions
- B62B 2301/0465 ... by urging the wheel into a position, e.g. into a straight forward position
- B62B 2301/0467 ... combined with means for braking the wheel

- B62B 2301/05 . Details of the attachment of the wheel assembly to the chassis
- B62B 2301/06 . Steering all wheels together simultaneously
- B62B 2301/08 . comprising additional wheels to increase stability
- B62B 2301/10 . Adjusting the position of the wheel axles to increase stability
- B62B 2301/12 . comprising counterbalancing means to increase stability
- B62B 2301/14 . the wheel arrangement pivoting around a horizontal-longitudinal axis

- B62B 2301/20 . Resilient wheel suspension using springs
- B62B 2301/22 .. using leafsprings
- B62B 2301/23 .. the pressure of the wheel on the ground being controlled, e.g. by the load or the wheel slip

- B62B 2301/25 . characterised by the ground engaging elements, e.g. wheel type
- B62B 2301/252 .. by using ball-shaped wheels
- B62B 2301/254 .. by using roller-shaped wheels
- B62B 2301/256 .. by using endless belts
- B62B 2301/258 .. by using screw-type propulsion

- B62B 2301/33 . Wheels provided with protrusions, e.g. anti-slip protrusions
- B62B 2301/34 . Protection against mud, e.g. by retracting or enclosing the wheels

- B62B 2501/00 **Manufacturing; Constructional features****

- B62B 2501/02 . Dimensions
- B62B 2501/04 . Production features

- B62B 2501/06 . Materials used
- B62B 2501/062 .. Cardboard or paper
- B62B 2501/065 .. Plastics
- B62B 2501/067 .. Wires